



Submittal Data Information

101-035

Model 0012 Cartridge Circulator

Effective: January 12, 2015

Supersedes: May 31, 2013

Job: _____ Engineer: _____ Contractor: _____ Rep: _____

ITEM NO.	MODEL NO.	IMP. DIA.	G.P.M.	HEAD/FT.	H.P.	ELEC. CHAR.

Features

- Exclusive ACB Anti-Condensate Baffle with Ambient Air Flow-Protects Motor Windings against Condensate Buildup
- High Velocity Performance-Compact Design
- Quiet, Efficient Operation
- Direct Drive-Low Power Consumption
- Unique Replaceable Cartridge Design-Field Serviceable
- Self Lubricating
- No Mechanical Seal
- Unmatched Reliability-Maintenance Free
- Universal Flange to Flange dimensions
- Cast Iron or Stainless Steel Construction

Materials of Construction

Casing (Volute):.....Cast Iron or Stainless Steel
 Stator Housing:.....Aluminum
 Cartridge:.....Stainless Steel
 Impeller:.....Non-Metallic
 Shaft:.....Ceramic
 Bearings:.....Carbon
 O-Ring & Gaskets:.....EPDM

Model Nomenclature

F – Cast Iron, Flanged
 SF – Stainless Steel, Flanged

Performance Data

Max. Flow: 52 GPM
 Max. Head: 14.5 Feet
 Min. Fluid Temperature: 40°F (4°C)
 Max. Fluid Temperature: 230°F (110°C)
 Max. Working Pressure: 150 psi
 Connection Sizes: 1-1/4", 1-1/2" or 2" Flanged

Certifications & Listings

UL US LISTED FOR INDOOR USE ONLY

NSF Low-Lead Compliant

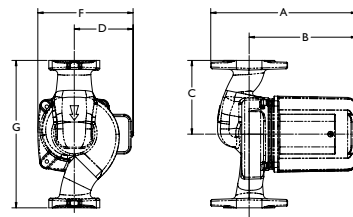
Certified to NSF/ANSI 372

Application

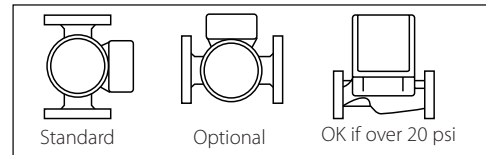
The Taco 0012 is specifically designed for high flow/medium head applications in large residential and light commercial systems. Ideal for large BTUH Boilers, 2" recirculation loops, Primary/Secondary loops, commercial water heaters and light commercial heating and cooling systems. The Stainless Steel 0012 can be used on open loop systems. The unique replaceable cartridge contains all of the moving parts and allows for easy service instead of replacing the entire circulator. Universal flange to flange dimensions and orientation allows the 0012 to easily replace other models. Compact, low power consumption design makes it ideal for high-efficiency jobs. The 0012-F4 is a direct replacement for the HV Series and the 0012-F4-1 is a direct replacement for the 2" Series using existing flanges.

Pump Dimensions & Weights FLANGES INCLUDED

Models	Casing	Flange Size	Flange Orientation	A		B		C		D		F		G		Ship Wt.	
				in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	Kg
0012-F4	Cast Iron	1-1/2"	S	8-5/8	219	6-3/8	162	4-1/4	108	3-5/16	84	5-1/2	140	8-1/2	216	13.0	5.9
0012-F4-4	Cast Iron	1-1/2"	R	8-1/16	205	6-3/8	162	4-1/4	108	3-5/16	84	6	152	8-1/2	216	13.0	5.9
0012-SF4	St. Steel	1-1/2"	S	8-5/8	219	6-3/8	162	4-1/4	108	3-5/16	84	5-1/2	140	8-1/2	216	13.0	5.9
0012-SF4-5	St. Steel	1-1/2"	R	8-1/16	205	6-3/8	162	4-1/4	108	3-5/16	84	6	152	8-1/2	216	13.0	5.9
0012-F4-1	Cast Iron	2"	S	9	229	6-3/8	162	4-1/4	108	3-5/16	84	5-1/2	140	8-1/2	216	13.0	5.9
0012-SF4-1	St. Steel	2"	S	9	229	6-3/8	162	4-1/4	108	3-5/16	84	5-1/2	140	8-1/2	216	13.0	5.9



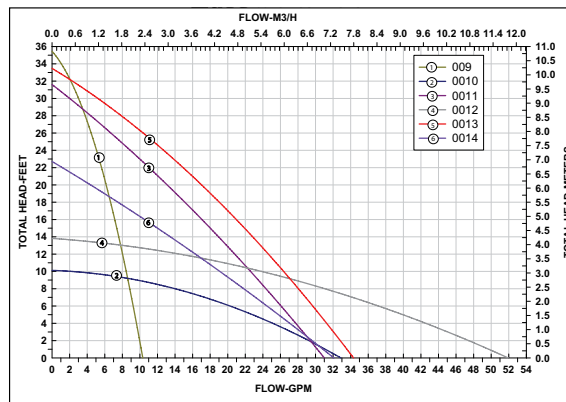
Mounting Positions



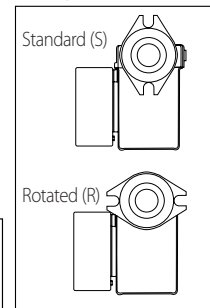
Electrical Data

Model	Volts	Hz	Ph	Amps	RPM	HP
All Models	115	60	1	1.33	3250	1/8
Motor Type	Permanent Split Capacitor Impedance Protected					
Motor Options	220/50/1, 220/60/1, 230/60/1, 100/110/50/60/1					

Performance Field — 60Hz



Flange Orientation



Taco, Inc., 1160 Cranston Street, Cranston, RI 02920 | Tel: (401) 942-8000 | FAX: (401) 942-2360

Taco (Canada), Ltd., 8450 Lawson Road, Suite #3, Milton, Ontario L9T 0J8 | Tel: (905) 564-9422 | FAX: (905) 564-9436

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